

MILWAUKEE WATER WORKS

Rate Design Proposal

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MILWAUKEE WATER WORKS
Comparison of Revenue
at Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
General Service (Volumetric & Meter Charge) - Retail						
Urban Residential	\$ 30,764,776	\$ 32,392,653	5.29%	\$ 32,388,841	5.28%	99.99%
Urban Commercial	17,219,428	19,012,828	10.41%	19,284,171	11.99%	101.43%
Urban Industrial	5,447,762	6,862,844	25.98%	6,179,777	13.44%	90.05%
Urban Public Authority	3,732,696	5,089,503	36.35%	4,107,122	10.03%	80.70%
Urban Total	\$ 57,164,662	\$ 63,357,829	10.83%	\$ 61,959,910	8.39%	97.79%
Suburban Residential	\$ 3,588,632	\$ 3,018,831	-15.88%	\$ 3,774,359	5.18%	125.03%
Suburban Commercial	2,581,893	2,173,675	-15.81%	2,845,990	10.23%	130.93%
Suburban Industrial	101,174	73,468	-27.38%	110,681	9.40%	150.65%
Suburban Public Authority	47,544	50,170	5.52%	52,691	10.83%	105.03%
Suburban Total	\$ 6,319,243	\$ 5,316,143	-15.87%	\$ 6,783,720	7.35%	127.61%
West Milwaukee Residential	\$ 159,882	\$ 153,951	-3.71%	\$ 167,474	4.75%	108.78%
West Milwaukee Commercial	154,334	139,525	-9.60%	144,407	-6.43%	103.50%
West Milwaukee Industrial	431,322	416,077	-3.53%	422,587	-2.03%	101.56%
West Milwaukee Public Authority	-	-	-	-	-	-
West Milwaukee Total	\$ 745,538	\$ 709,553	-4.83%	\$ 734,468	-1.48%	103.51%
Retail Residential Total	\$ 34,513,290	\$ 35,565,435	3.05%	\$ 36,330,674	5.27%	102.15%
Retail Commercial Total	\$ 19,955,655	\$ 21,326,027	6.87%	\$ 22,274,568	11.62%	104.45%
Retail Industrial Total	\$ 5,980,258	\$ 7,352,389	22.94%	\$ 6,713,044	12.25%	91.30%
Retail Public Authority Total	\$ 3,780,240	\$ 5,139,673	35.96%	\$ 4,159,813	10.04%	80.94%
Retail Total	\$ 64,229,443	\$ 69,383,525	8.02%	\$ 69,478,098	8.17%	100.14%
General Service (Volumetric & Meter Charge) - Wholesale						
Brown Deer	\$ 641,303	\$ 795,647	24.07%	\$ 798,647	24.54%	100.38%
Butler	\$ 148,860	\$ 181,387	21.85%	\$ 181,118	21.67%	99.85%
Greendale	\$ 584,342	\$ 817,749	39.94%	\$ 815,526	39.56%	99.73%
Menomonee Falls	\$ 1,407,682	\$ 1,782,783	26.65%	\$ 1,781,226	26.54%	99.91%
Mequon	\$ 480,304	\$ 606,012	26.17%	\$ 604,388	25.83%	99.73%
New Berlin	\$ 1,186,334	\$ 1,485,295	25.20%	\$ 1,484,957	25.17%	99.98%
Shorewood	\$ 682,676	\$ 795,398	16.51%	\$ 793,182	16.19%	99.72%
Wauwatosa	\$ 2,095,160	\$ 2,729,540	30.28%	\$ 2,724,914	30.06%	99.83%
West Allis	\$ 2,341,094	\$ 2,900,277	23.89%	\$ 2,900,976	23.92%	100.02%
County Institutions	\$ 401,626	\$ 480,088	19.54%	\$ 480,962	19.75%	100.18%
Wholesale 11	\$ -	\$ -	-	\$ -	-	-
Wholesale 12	\$ -	\$ -	-	\$ -	-	-
Wholesale Total	\$ 9,969,381	\$ 12,574,175	26.13%	\$ 12,565,895	26.04%	99.93%
Public Fire Protection - Total	\$ 6,812,970	\$ 8,307,918	21.94%	\$ 8,192,561	20.25%	98.61%
Total Sytem	\$ 81,011,794	\$ 90,265,617	11.42%	\$ 90,236,555	11.39%	99.97%

MILWAUKEE WATER WORKS
Comparison of Revenue
at Present Rates, Cost of Service and Proposed Rates

Customer Class	Revenue at Present Rates	Cost of Service		Proposed Rates		
		Revenue Required	Increase Over Present Rates	Revenue	Increase Over Present Rates	Percent of Cost of Service
Public Fire Protection - Retail						
Urban - Milwaukee	\$ 5,423,853	\$ 6,775,812	24.93%	\$ 6,566,062	21.06%	96.90%
Suburban - Greenfield	\$ 490,017	\$ 442,873	-9.62%	\$ 569,261	16.17%	128.54%
Suburban - Hales Corners	\$ 69,854	\$ 112,125	60.51%	\$ 72,548	3.86%	64.70%
Suburban - St. Francis	\$ 134,938	\$ 132,966	-1.46%	\$ 140,533	4.15%	105.69%
Suburban - Others	\$ 694,809	\$ 687,964	-0.99%	\$ 782,342	12.60%	113.72%
Suburban - West Milwaukee	\$ 81,817	\$ 62,793	-23.25%	\$ 62,808	-23.23%	100.02%
Suburban Total	\$ 776,626	\$ 750,757	-3.33%	\$ 845,151	8.82%	112.57%
Retail Total	\$ 6,200,479	\$ 7,526,569	21.39%	\$ 7,411,213	19.53%	98.47%
Public Fire Protection - Wholesale						
Brown Deer	\$ 32,947	\$ 48,249	46.44%	\$ 48,249	46.44%	100.00%
Butler	\$ 7,193	\$ 9,378	30.37%	\$ 9,378	30.37%	100.00%
Greendale	\$ 38,498	\$ 55,400	43.90%	\$ 55,400	43.90%	100.00%
Menomonee Falls	\$ 89,510	\$ 96,815	8.16%	\$ 96,815	8.16%	100.00%
Mequon	\$ 21,362	\$ 31,331	46.67%	\$ 31,331	46.67%	100.00%
New Berlin	\$ 72,285	\$ 91,871	27.10%	\$ 91,871	27.10%	100.00%
Shorewood	\$ 38,078	\$ 53,491	40.48%	\$ 53,491	40.48%	100.00%
Wauwatosa	\$ 117,263	\$ 160,489	36.86%	\$ 160,489	36.86%	100.00%
West Allis	\$ 154,246	\$ 208,409	35.11%	\$ 208,409	35.11%	100.00%
County Institutions	\$ 41,108	\$ 25,916	-36.96%	\$ 25,916	-36.96%	100.00%
Wholesale 11	\$ -	\$ -		\$ -		
Wholesale 12	\$ -	\$ -		\$ -		
Wholesale Total	\$ 612,490	\$ 781,349	27.57%	\$ 781,349	27.57%	100.00%
Public Fire Protection - Total	\$ 6,812,970	\$ 8,307,918	21.94%	\$ 8,192,561	20.25%	98.61%
Summary: General Service and Public Fire Protection						
Retail						
Urban - Milwaukee	\$ 62,588,515	\$ 70,133,641	12.06%	\$ 68,525,972	9.49%	97.71%
Suburban - Others	\$ 7,014,052	\$ 6,004,107	-14.40%	\$ 7,566,063	7.87%	126.01%
Suburban - West Milwaukee	\$ 827,355	\$ 772,346	-6.65%	\$ 797,276	-3.64%	103.23%
Retail Total	\$ 70,429,922	\$ 76,910,094	9.20%	\$ 76,889,311	9.17%	99.97%
Wholesale						
Brown Deer	\$ 674,250	\$ 843,895	25.16%	\$ 846,895	25.61%	100.36%
Butler	\$ 156,053	\$ 190,765	22.24%	\$ 190,496	22.07%	99.86%
Greendale	\$ 622,840	\$ 873,149	40.19%	\$ 870,926	39.83%	99.75%
Menomonee Falls	\$ 1,497,192	\$ 1,879,598	25.54%	\$ 1,878,041	25.44%	99.92%
Mequon	\$ 501,666	\$ 637,344	27.05%	\$ 635,720	26.72%	99.75%
New Berlin	\$ 1,258,619	\$ 1,577,166	25.31%	\$ 1,576,828	25.28%	99.98%
Shorewood	\$ 720,754	\$ 848,889	17.78%	\$ 846,673	17.47%	99.74%
Wauwatosa	\$ 2,212,423	\$ 2,890,029	30.63%	\$ 2,885,403	30.42%	99.84%
West Allis	\$ 2,495,340	\$ 3,108,686	24.58%	\$ 3,109,385	24.61%	100.02%
County Institutions	\$ 442,734	\$ 506,004	14.29%	\$ 506,878	14.49%	100.17%
Wholesale 11	\$ -	\$ -		\$ -		
Wholesale 12	\$ -	\$ -		\$ -		
Wholesale Total	\$ 10,581,871	\$ 13,355,523	26.21%	\$ 13,347,244	26.13%	99.94%
Total System	\$ 81,011,794	\$ 90,265,617	11.42%	\$ 90,236,555	11.39%	99.97%

MILWAUKEE WATER WORKS

Proposed Water Rates and Rules

Public Fire Protection Service - Urban - - - F-1

Public fire protection service includes the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Under Wis. Stat. § 196.03(3)(b), the City of Milwaukee has chosen to have the utility bill the urban retail general service customers for public fire protection service.

Quarterly Public Fire Protection Service Charges:

5/8 -inch meter - \$	8.28	3 -inch meter - \$	124.26
3/4 -inch meter - \$	8.28	4 -inch meter - \$	207.10
1 -inch meter - \$	20.71	6 -inch meter - \$	414.20
1 1/4 -inch meter - \$	20.71	8 -inch meter - \$	662.71
1 1/2 -inch meter - \$	41.42	10 -inch meter - \$	994.07
2 -inch meter - \$	66.27	12 -inch meter - \$	1,325.43

Customers who are provided service under Schedule Mg-1 shall be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-1.

Public Fire Protection Service - Suburban Retail (Except West Milwaukee) - - - F-1.1

Delete.

Public Fire Protection Service - Suburban Retail: West Milwaukee - - - F-1.4

Delete.

Public Fire Protection Service - Suburban (Except West Milwaukee) - - - F-2

Public fire protection service includes the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the

service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Under Wis. Stat. § 196.03(3)(b), the suburban retail communities have chosen to have the utility bill the suburban retail general service customers for public fire protection service.

Quarterly Public Fire Protection Service Charges (Urban charges plus a 25 percent surcharge):

5/8 -inch meter - \$	10.35	3 -inch meter - \$	155.33
3/4 -inch meter - \$	10.35	4 -inch meter - \$	258.88
1 -inch meter - \$	25.89	6 -inch meter - \$	517.75
1¼ -inch meter - \$	25.89	8 -inch meter - \$	828.39
1½ -inch meter - \$	51.78	10 -inch meter - \$	1,242.59
2 -inch meter - \$	82.84	12 -inch meter - \$	1,656.79

Customers in Greenfield, Hales Corners, and St. Francis and boundary customers in Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas who are provided service under Schedule Mg-2 shall also be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-2.

Public Fire Protection Service - Suburban: West Milwaukee - - - F-3

Public fire protection service includes the use of hydrants for fire protection service only and such quantities of water as may be demanded for the purpose of extinguishing fires within the service area. This service shall also include water used for testing equipment and training personnel. For all other purposes, the metered or other rates set forth, or as may be filed with the Public Service Commission, shall apply.

Under Wis. Stat. § 196.03(3)(b), West Milwaukee has chosen to have the utility bill the suburban retail general service customers for public fire protection service.

Quarterly Public Fire Protection Service Charges:

5/8 -inch meter - \$	6.22	3 -inch meter - \$	93.24
3/4 -inch meter - \$	6.22	4 -inch meter - \$	155.40
1 -inch meter - \$	15.54	6 -inch meter - \$	310.79
1¼ -inch meter - \$	15.54	8 -inch meter - \$	497.27
1½ -inch meter - \$	31.08	10 -inch meter - \$	745.91
2 -inch meter - \$	49.73	12 -inch meter - \$	994.54

Customers in West Milwaukee who are provided service under Schedules Mg-3 shall be subject to the charges in this schedule according to the size of their primary meter.

Billing: Same as Schedule Mg-3.

Private Fire Protection Service - - - Pf-1

Delete

Private Fire Protection Service - Unmetered - - - Upf-1

This service shall consist of permanent or continuous unmetered connections to the main for the purpose of supplying water to private fire protection systems such as automatic sprinkler systems, standpipes, and private hydrants. This service shall also include reasonable quantities of water used for testing check valves and other backflow prevention devices.

Quarterly Private Fire Protection Service Demand Charges - Urban:

2 - inch or smaller connection - \$	16.00
3 - inch connection - \$	21.00
4 - inch connection - \$	33.00
6 - inch connection - \$	60.00
8 - inch connection - \$	81.00
10 - inch connection - \$	123.00
12 - inch connection - \$	231.00
14 - inch connection - \$	249.00
16 - inch connection - \$	474.00

Quarterly Private Fire Protection Service Demand Charges - Suburban (Urban charges above plus a 25 percent surcharge):

2 - inch or smaller connection - \$	20.00
3 - inch connection - \$	26.25
4 - inch connection - \$	41.25
6 - inch connection - \$	75.00
8 - inch connection - \$	101.25
10 - inch connection - \$	153.75
12 - inch connection - \$	288.75
14 - inch connection - \$	311.25
16 - inch connection - \$	592.50

Billing: Same as Schedule Mg-1.

General Service - Metered - Urban - - - Mg-1

Quarterly Service Charges (All Customer Classes):

5/8 -inch meter - \$	16.92	3 -inch meter - \$	120.44
3/4 -inch meter - \$	16.92	4 -inch meter - \$	183.69
1 -inch meter - \$	27.81	6 -inch meter - \$	327.79
1 1/4 -inch meter - \$	27.81	8 -inch meter - \$	498.84
1 1/2 -inch meter - \$	47.83	10 -inch meter - \$	723.79
2 -inch meter - \$	73.35	12 -inch meter - \$	948.74

Plus Volume Charges:

Residential Class:

All water used quarterly - \$1.85 per 100 cubic feet

Nonresidential Class:

First	500,000	cubic feet used quarterly - \$2.00 per 100 cubic feet
Next	1,500,000	cubic feet used quarterly - \$1.28 per 100 cubic feet
Over	2,000,000	cubic feet used quarterly - \$1.16 per 100 cubic feet

Residential Class includes customers who have water service provided for residential or domestic purposes and sales through a single meter to buildings with three or more dwelling units.

Nonresidential Class includes commercial, industrial, and public authority customers. Commercial customers include business entities and institutions, except governmental entities, that provide goods or services. Churches and parochial schools are not governmental and are classified as commercial. Industrial customers include customers who are engaged in the manufacture or production of goods. Public Authority customers include any department, agency, or entity of local, state, or federal government, including public schools, colleges, and universities.

Large volume retail customers may be billed monthly based on monthly meter readings at the discretion of Milwaukee Water Works.

Late Payment Charge: 5 percent (See also Wis. Stat. § 62.69(2)(e)).

Billing: See Water Utility Operating Rules (Schedule X-1), Chapter 5 - Billing and Collection.

General Service - Urban - - - Mg-1.1

Delete.

General Service - Metered - Suburban (Except West Milwaukee) - - - Mg-2

Quarterly Service Charges (All Customer Classes - Urban charges plus a 25 percent surcharge):

$\frac{5}{8}$ -inch meter - \$	21.15	3 -inch meter - \$	150.55
$\frac{3}{4}$ -inch meter - \$	21.15	4 -inch meter - \$	229.61
1 -inch meter - \$	34.76	6 -inch meter - \$	409.74
1 $\frac{1}{4}$ -inch meter - \$	34.76	8 -inch meter - \$	623.55
1 $\frac{1}{2}$ -inch meter - \$	59.79	10 -inch meter - \$	904.74
2 -inch meter - \$	91.69	12 -inch meter - \$	1,185.93

Plus Volume Charges for customers in Greenfield, Hales Corners, and St. Francis and boundary customers in Brown Deer, Cudahy, Franklin, Glendale, Shorewood, Wauwatosa, West Allis, and similarly served areas (Urban charges plus a 25 percent surcharge):

Residential:

All water used quarterly - \$2.31 per 100 cubic feet

Non-Residential:

First	500,000	cubic feet used quarterly - \$ 2.50 per 100 cubic feet
Next	1,500,000	cubic feet used quarterly - \$ 1.60 per 100 cubic feet
Over	2,000,000	cubic feet used quarterly - \$ 1.45 per 100 cubic feet

Residential Class includes customers who have water service provided for residential or domestic purposes and sales through a single meter to buildings with three or more dwelling units.

Nonresidential Class includes commercial, industrial, and public authority customers. Commercial customers include business entities and institutions, except governmental entities, that provide goods or services. Churches and parochial schools are not governmental and are classified as commercial. Industrial customers include customers who are engaged in the manufacture or production of goods. Public Authority customers include any department, agency, or entity of local, state, or federal government, including public schools, colleges, and universities.

Billing: Same as Schedule Mg-1.

General Service - Metered - Suburban - West Milwaukee - - - Mg-3

Quarterly Service Charges:

5/8 -inch meter - \$	21.15	3 -inch meter - \$	150.55
3/4 -inch meter - \$	21.15	4 -inch meter - \$	229.61
1 -inch meter - \$	34.76	6 -inch meter - \$	409.74
1 1/4 -inch meter - \$	34.76	8 -inch meter - \$	623.55
1 1/2 -inch meter - \$	59.79	10 -inch meter - \$	904.74
2 -inch meter - \$	91.69	12 -inch meter - \$	1,185.93

Plus Volume Charges:

First	10,000	cubic feet used quarterly - \$1.19 per 100 cubic feet
Next	490,000	cubic feet used quarterly - \$1.16 per 100 cubic feet
Next	1,500,000	cubic feet used quarterly - \$1.04 per 100 cubic feet
Over	2,000,000	cubic feet used quarterly - \$0.97 per 100 cubic feet

Billing: Same as Schedule Mg-1.Public Service - - - Mpa-1Metered Service

Water used by the City of Milwaukee on an intermittent basis for flushing sewers, street washing, flooding skating rinks, drinking fountains, etc., shall be metered and billed according to the rates set forth in Schedule Mg-1.

Unmetered Service

Where it is impossible to meter the service, the utility shall estimate the volume of water used based on the pressure, size of opening, and the period of time the water is used. The estimated quantity shall be billed at the volumetric rates set forth in Schedule Mg-1, excluding any service charges.

Billing: Same as Schedule Mg-1.Miscellaneous Service - - - Mz-1

Deposits:

Hydrant Wrench:	\$200.00
Hydrant Cap:	\$160.00
Small Meter:	\$110.00
Large Meter:	\$980.00

Hydrant wrench and cap must be returned at the expiration of the hydrant use permit.

Sewer Flushing and Lining: Per 100 feet or portion thereof based on sewer diameter pipe below.

12-inch and smaller	\$31.67
Larger than 12-inch to 24-inch	\$126.67
Larger than 24-inch to 36-inch	\$241.46
Larger than 36-inch to 60-inch	\$649.18
Larger than 60-inch	\$1,551.70

Metered Hydrant Use:

General Service Charge: \$70.00 per week (non-refundable)

Meter Installation: \$350.00 per occurrence

For Water Used Inside Milwaukee: Apply Urban Volume Charges (Schedule Mg-1)

For Water Used Outside Milwaukee: Apply Urban Volume Charges (Schedule Mg-1) plus a 25 percent surcharge.

When water is taken from a Milwaukee Water Works hydrant before obtaining the required permit, a permit fee equaling 4 times the normal original permit fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter size requirement is at the discretion of Milwaukee Water Works.

Garden Plots:

Unmetered water from public hydrants used during the growing season (April through September) for garden plots on city property shall be charged the following rates for service (outside the City of Milwaukee add a 25 percent surcharge):

Irrigable: \$70.00 service charge per hydrant connection per season.
 \$26.00 per 1,000 square feet or portion thereof.
 This volume is approximately 1,135 gallons per 100 square feet per growing season.

Hand-Carry: \$70.00 service charge per hydrant connection per season.
 \$10.00 per 1,000 square feet or portion thereof.
 This volume is approximately 427 gallons per 100 square feet per growing season.

City Boulevards Irrigated by Sprinklers: \$22.00 per 1,000 square feet annually.

Chargeable Hose Connections: \$1,020.00 per temporary hose connection at customer request.

Bulk Water Permits:

Set Up: \$70.00 annual fee (non-refundable)
 Fill Charge: \$10.00 per visit to fill
 Volume Charge: Same as Schedule Mg-1

Caulkers Test Charge: \$100.00 per test

Inspectors certify that contractor personnel are able to pass a written test on the procedure on how to caulk a water main.

Flow Test Charge: \$400.00 per test

Engineering provides water pressure and fire flow tests on the system. These tests take about 1 to 2 hours.

Billing: Same as Schedule Mg-1.

Wholesale Water Service - Metered - - - W-1

Wholesale water service to various communities shall be provided at the following charges:

	<u>Monthly Fire Protection</u>	<u>Monthly General Service</u>	<u>Volume Charge Per 100 Cubic Feet</u>
Brown Deer	\$ 4,020.71	\$ 831.40	\$1.27
Butler	\$ 781.48	\$ 273.16	\$1.17
Greendale	\$ 4,616.63	\$1,018.86	\$1.45
Menomonee Falls	\$ 8,067.90	\$1,018.86	\$1.22
Mequon	\$ 2,610.94	\$ 415.70	\$1.35
New Berlin	\$ 7,655.95	\$ 831.40	\$1.22
Shorewood	\$ 4,457.58	\$ 998.47	\$1.26
Wauwatosa	\$13,374.07	\$1,809.48	\$1.24
West Allis	\$17,367.42	\$1,206.32	\$1.15
County Institutions	\$ 2,159.68	\$ 998.47	\$1.31

Billing: Same as Schedule Mg-1.

Standby Service to City of Cudahy Water Utility - - - Ws-1

Delete.

Standby Service to North Shore Water Commission - - - Ws-3

Delete.

Municipal Interconnection Charge - City of Cudahy - - - MI-1

For emergency water service provided to the City of Cudahy, the following charges shall apply:

Service Charge: \$3,500 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Applicable charge under Schedule Mg-2.

Billing: Same as Schedule Mg-1.

Municipal Interconnection Charge - North Shore Water Commission - - - MI-2

For emergency water service provided to the North Shore Water Commission, the following charges shall apply:

Service Charge: \$2,700 per year, payable in equal installments on January 1 and July 1 for the year, in advance.

Volume Charge: Applicable charge under Schedule Mg-2.

Billing: Same as Schedule Mg-1.

Other Charges - - - OC-1

Payment Not Honored by Financial Institution Charge: The utility shall assess a \$35.00 charge to the customer's account when a payment rendered for utility service is not honored by the customer's financial institution. This charge may not be in addition to, but may be inclusive of, other non-sufficient funds charges when the payment was for multiple services.

Special Billing Charge: The utility shall assess a \$35.00 charge to the requestor to cover administrative expenses whenever an existing customer or the property owner requests a special billing outside of the normal utility billing. This charge may not be assessed to a new customer.

Special Meter Reading Charge: The utility shall assess a \$30.00 charge to the requestor whenever an existing customer or the property owner requests a special meter reading by utility personnel on a date other than the regularly scheduled meter reading. This charge may not be assessed if the customer or the property owner provides the meter reading. This charge may not be assessed to a new customer.

Missed Appointment Charge: The utility shall assess a missed appointment charge when a customer, without providing reasonable cancellation notice, fails to be present at the customer's location for an appointment scheduled with utility personnel. The utility may not apply the charge for the first such missed appointment during normal business hours. The utility shall apply the charge for the first such missed appointment after normal business hours.

During normal business hours:	\$60.00
After normal business hours:	\$60.00

(NEW REQUEST) Records Request Charge: The utility shall assess a charge of \$3.00 per bill whenever a customer or the property owner requests copies of bills that exceed two years from the request date.

Billing: Same as Schedule Mg-1.

General Water Service - Unmetered - - - Ug-1

Service may be supplied temporarily on an unmetered basis where the utility cannot immediately install a water meter, including water used for construction. Unmetered service shall be billed the amount that would be charged to a metered residential customer using __,000 cubic feet of water per quarter under Schedule Mg-1, Schedule Mg-2, or Schedule Mg-3, including the service charge for a 5/8-inch meter. If the utility determines that actual usage exceeds __,000 cubic of water per quarter, an additional charge for the estimated excess usage shall be made according to the rates under Schedule Mg-1, Schedule Mg-2, or Schedule Mg-3.

This schedule applies only to customers with a 1-inch or smaller service connection. For customers with a larger service connection, the utility shall install a temporary meter and charges shall be based on the rates set forth under Schedule Mg-1, Schedule Mg-2, or Schedule Mg-3.

Billing: Same as Schedule Mg-1.

(NEW REQUEST) Seasonal Service - - - Sg-1

Seasonal customers are general service customers who voluntarily request disconnection of water service and who resume service at the same location within 12 months of the disconnection, unless service has been provided to another customer at that location in the intervening period. The utility shall bill seasonal customers the applicable service charges under Schedule Mg-1, Schedule Mg-2, or Schedule Mg-3 year-round, including the period of temporary disconnection.

Seasonal service shall include customers taking service under Schedule Mg-1, Schedule Mg-2, Schedule Mg-3, or Schedule Ug-1.

Upon reconnection, the utility shall apply a charge under Schedule R-1 or Schedule R-2 and require payment of any unpaid charges under this schedule.

Billing: Same as Schedule Mg-1, unless the utility and customer agree to an alternative payment schedule for the period of voluntary disconnection.

(NEW REQUEST) Reconnection Charges - - - R-1

	<u>During Normal Business Hours</u>	<u>After Normal Business Hours</u>
Reinstallation of meter, including valving at curb stop	Applicable charge in Schedule R-2	Applicable charge in Schedule R-2 plus \$25.00
Valve turned on at curb stop only	\$50.00	\$75.00

Note: No charge for disconnection.

Billing: Same as Schedule Mg-1.

Charges for Connections, Repairs, and Resetting Meters - - - Lc-1

Delete.

Charges for Connections, Repairs, and Resetting Meters - - - R-2

Permit Application Charge:

The charge for each separate application made for a tap, branch, or extension includes a non-refundable \$100.00 fee.

Tapping Charge:

The tapping charge covers the cost of the supplied Milwaukee Water Works specified and inspected materials. Materials are to be obtained at the DPW Field Headquarters facility located at 3850 North 35th Street, Milwaukee, WI 53216. Telephone contact numbers are (414) 286-0669 or (414) 286-6123.

Materials include: corporation stop, curb stop, service box (and in paved area a roadway service box) and saddle if specified. Service insulator supplied by the permit holder shall

be installed at the curb stop. If work is commenced without obtaining a permit, a permit fee equal to 4 times the normal original fee will be assessed up to a maximum of \$2,000.00 per occurrence.

Main size (Inches)	Service Pipe Size (Inches)		
	1	1½	2
4	\$289.00*	\$356.00*	\$519.00*
6	\$220.00	\$379.00*	\$551.00*
8	\$220.00	\$434.00*	\$606.00*
12 and larger	\$220.00	\$434.00	\$606.00

*Requires and includes tapping saddle

Roadway Service Box (if service box is in a paved roadway) - \$180.00

Branch Charge:

The branch charge includes furnishing and installing a special sleeve or tee as required, the branch valve (gate or butterfly), and furnishing the valve box and cover. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Main Size (Inches)	Service Pipe Size (Inches)					
	3	4	6	8	10	12
6	\$1,600.00*	\$1,760.00	\$2,060.00	N/A	N/A	N/A
8	\$1,600.00*	\$1,760.00	\$2,040.00	\$2,870.00	N/A	N/A
12	N/A	\$1,910.00	\$2,200.00	\$2,720.00	\$2,650.00	\$3,000.00
16	N/A	\$2,110.00	\$2,170.00	\$2,260.00	\$3,070.00	\$3,630.00
20	N/A	\$4,200.00**	\$4,580.00	\$4,430.00	\$4,630.00	\$4,520.00

* - Plumber must supply a reducer at branch valve to install 3-inch pipe.

** - Plumber must supply a reducer at branch valve to install 4-inch pipe.

N/A - Not applicable.

Extension (Meters) Charge:

The extension charge includes furnishing, testing, and installing the meter and automatic meter reading (AMR) device. Prices on request for meter types and sizes not listed. When work is commenced without obtaining the required permit, a permit fee equaling 4 times the normal original fee will be assessed (up to a maximum of \$2,000.00 per occurrence).

Meter Size (Inches)	Positive Displacement	Compound Turbine
$\frac{5}{8}$	\$240.00	N/A
$\frac{3}{4}$	\$260.00	N/A
1	\$310.00	N/A
1½	\$590.00	N/A
2	\$780.00	N/A
2C	N/A	\$ 1,710.00
3	N/A	\$ 2,190.00
4	N/A	\$ 3,220.00
6	N/A	\$ 4,630.00
8	N/A	\$ 6,940.00
10	N/A	\$ 8,460.00
4×2	N/A	\$ 6,400.00
6×2	N/A	\$ 8,420.00
8×2	N/A	\$11,040.00
10×2	N/A	\$15,900.00

Repair Charges:

Rule 4.1.3 of City of Milwaukee, Department of Public Works, Milwaukee Water Works, Rules and Regulations Governing Water Service, requires that damage through customer negligence be repaired by the utility at the customer's expense. Repair expense will be billed at established rates for parts and labor for actual time and material used.

Charges for complaint tests will be made in accordance with Wis. Admin. Code §§ PSC 185.77 and 185.78.

Meter Reset Charges:

A meter reset charge applies to an account when utility personnel make a service call and find the meter missing, removed illegally, or previously removed at the owner's request.

Meter Size (Inches)	Charge
$\frac{5}{8}$	\$ 50.00
$\frac{3}{4}$	\$ 50.00
1	\$ 50.00
1½	\$ 150.00
2	\$ 200.00
2C	\$ 300.00
3	\$ 390.00
4	\$ 390.00
6	\$ 590.00
8	\$ 790.00

10	\$ 790.00
4×2	\$ 790.00
6×2	\$ 790.00
8×2	\$1,180.00
10×2	\$1,580.00

Billing: Same as Schedule Mg-1.

Water Utility Operating Rules - - - X-1

No change.

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Urban - Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 24.49	\$ 26.17	6.9%	\$ 30.44	\$ 34.45	13.2%
Residential	5/8	15	42.29	44.67	5.6%	48.24	52.95	9.8%
Average Residential	5/8	26	61.87	65.02	5.1%	67.82	73.30	8.1%
Residential	3/4	50	104.59	109.42	4.6%	110.51	117.70	6.5%
Residential	3/4	75	149.09	155.67	4.4%	155.01	163.95	5.8%
Commercial	1	100	205.69	227.81	10.8%	225.32	248.52	10.3%
Commercial	1 1/2	200	399.15	447.83	12.2%	443.71	489.25	10.3%
Commercial	1 1/2	500	903.15	1,047.83	16.0%	947.71	1,089.25	14.9%
Commercial	2	1,000	1,776.89	2,073.35	16.7%	1,845.32	2,139.62	15.9%
Commercial	3	2,000	3,538.68	4,120.44	16.4%	3,675.54	4,244.70	15.5%
Commercial	4	5,000	8,747.05	10,183.69	16.4%	8,969.84	10,390.79	15.8%
Public Authority	8	7,000	11,552.03	13,058.84	13.0%	12,287.23	13,721.55	11.7%
Large Commercial	6	10,000	14,558.03	16,727.79	14.9%	14,978.15	17,141.99	14.4%
Large Public Authority	10	12,000	17,551.11	19,683.79	12.2%	18,490.01	20,677.86	11.8%
Large Industrial	6	20,000	25,658.03	29,527.79	15.1%	26,078.15	29,941.99	14.8%
Large Public Authority	6	28,000	33,658.03	38,807.79	15.3%	34,078.15	39,221.99	15.1%
Large Industrial	8	90,000	95,982.03	110,898.84	15.5%	96,717.23	111,561.55	15.3%
Large Industrial	10	100,000	106,431.11	122,723.79	15.3%	107,370.01	123,717.86	15.2%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - Greenfield, Hales Corners, St. Francis

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 30.64	\$ 32.70	6.7%	\$ 38.05	\$ 43.05	13.1%
Residential	5/8	15	52.92	55.80	5.4%	60.33	66.15	9.6%
Average Residential	5/8	22	68.52	71.97	5.0%	75.93	82.32	8.4%
Residential	3/4	50	130.90	136.65	4.4%	138.31	147.00	6.3%
Residential	3/4	75	186.60	194.40	4.2%	194.01	204.75	5.5%
Commercial	1	100	257.42	284.76	10.6%	278.95	310.65	11.4%
Commercial	1	150	362.17	409.76	13.1%	383.70	435.65	13.5%
Commercial	1 1/2	200	498.75	559.79	12.2%	554.45	611.57	10.3%
Commercial	1 1/2	500	1,127.25	1,309.79	16.2%	1,182.95	1,361.57	15.1%
Commercial	2	750	1,693.16	1,966.69	16.2%	1,778.70	2,049.53	15.2%
Commercial	2	1,000	2,216.91	2,591.69	16.9%	2,302.45	2,674.53	16.2%
Public Authority	2	1,500	3,264.41	3,841.69	17.7%	3,349.95	3,924.53	17.2%
Public Authority	3	2,000	4,414.15	5,150.55	16.7%	4,585.22	5,305.88	15.7%
Commercial	3	3,000	6,509.15	7,650.55	17.5%	6,680.22	7,805.88	16.9%
Industrial	4	4,000	8,814.61	10,229.61	16.1%	9,093.10	10,488.49	15.3%
Large Commercial	6	5,000	11,235.84	12,909.74	14.9%	11,760.99	13,427.49	14.2%
Large Industrial	6	10,000	18,200.84	20,909.74	14.9%	18,725.99	21,427.49	14.4%
Large Industrial	8	25,000	38,765.84	44,373.55	14.5%	39,684.85	45,201.94	13.9%

MILWAUKEE WATER WORKS

Customer Water Bill Comparison at Present and Proposed Rates
Suburban - West Milwaukee

Customer Type	Meter Size (Inches)	Volume (100 Cu Ft)	Quarterly			Quarterly including Public Fire Protection		
			Bills at Old Rates	Bills at New Rates	Percent Change	Bills at Old Rates	Bills at New Rates	Percent Change
Small Residential	5/8	5	\$ 25.30	\$ 27.10	7.1%	\$ 31.59	\$ 33.32	5.5%
Residential	5/8	15	36.90	39.00	5.7%	43.19	45.22	4.7%
Average Residential	5/8	27	50.82	53.28	4.8%	57.11	59.50	4.2%
Residential	3/4	50	77.50	80.65	4.1%	83.79	86.87	3.7%
Residential	3/4	75	106.50	110.40	3.7%	112.79	116.62	3.4%
Commercial	1	100	150.62	153.76	2.1%	171.48	169.30	-1.3%
Commercial	1	150	207.02	211.76	2.3%	227.88	227.30	-0.3%
Commercial	1 1/2	200	295.25	294.79	-0.2%	342.60	325.87	-4.9%
Commercial	1 1/2	500	633.65	642.79	1.4%	681.00	673.87	-1.0%
Commercial	2	750	957.81	964.69	0.7%	1,030.52	1,014.42	-1.6%
Commercial	2	1,000	1,239.81	1,254.69	1.2%	1,312.52	1,304.42	-0.6%
Commercial	2	1,500	1,803.81	1,834.69	1.7%	1,876.52	1,884.42	0.4%
Commercial	3	2,000	2,470.05	2,473.55	0.1%	2,615.46	2,566.79	-1.9%
Industrial	3	3,000	3,598.05	3,633.55	1.0%	3,743.46	3,726.79	-0.4%
Commercial	4	4,000	4,936.51	4,872.61	-1.3%	5,173.22	5,028.01	-2.8%
Industrial	4	5,000	6,064.51	6,032.61	-0.5%	6,301.22	6,188.01	-1.8%
Large Industrial	6	10,000	11,475.74	11,412.74	-0.5%	11,922.11	11,723.53	-1.7%
Large Industrial	8	25,000	26,800.74	26,896.55	0.4%	27,581.89	27,393.82	-0.7%